

Title (en)
GRINDING MACHINE SPINDLE FLEXIBLY ATTACHED TO PLATFORM

Title (de)
FLEXIBLE VERBINDUNG EINER SCHLEIFMASCHINENSPINDEL ZU EINER PLATTFORM

Title (fr)
RATTACHEMENT FLEXIBLE DE BROCHE DE MEULEUSE A UNE PLATE-FORME

Publication
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Application
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Abstract (en)
[origin: GB2314037A] A grinding or polishing machine comprises a rigid platform on which a workhead spindle and a grinding wheel spindle are located. The grinding wheel spindle is mounted on a subassembly which is attached to the platform by means of flexures 104 which permit limited movement of the sub-assembly only in a direction in which the wheel has to advance to achieve grinding or polishing of a workpiece mounted on the workhead spindle. Two grinding wheels are mounted on the platform, one on each of two sub-assemblies, attached to the platform by flexures as aforesaid. The flexure mounting points are located generally centrally of the machine and are located on either side of and close to the machine centre line. The grinding spindle is advanced by a cam drive.

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